Applied Remote Sensing Training

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NASA’s Applied Remote Sensing Training Program (ARSET)

http://arset.gsfc.nasa.gov/

- Empowering the global community through remote sensing training
- Part of NASA’s Applied Sciences Capacity Building Program
- Goal: increase the use of Earth Science in decision-making through training for:
  - policy makers
  - environmental managers
  - other professionals in the public and private sector
- Trainings offered focusing on applications in:
  - Disasters
  - Land
  - Health & Air Quality
  - Water Resources
ARSET Training Formats

**Online**
- Offered through the internet
- Available live and recorded
- Typically 1 hr session, once per week, over 4-6 weeks
- Available at all training levels:
  - Fundamentals of Remote Sensing
  - Introductory
  - Advanced

**In-Person**
- 2-7 days in length
- Held in a computer lab
- Mixture of lectures and exercises
- Locally relevant case studies
- Available levels:
  - Introductory
  - Advanced

**Train the Trainers**
- Trainings and materials
- Offered online & in-person
- For organizers seeking to develop their own applied remote sensing training programs
ARSET’s Global Footprint

ARSET Participants by Country
2009 – 2016

83 ARSET Trainings
8,000+ participants reached
2,600+ organizations reached
160 + countries reached
55 U.S. States, Territories, and D.C. reached
ARSET Website: View Webinars

http://arset.gsfc.nasa.gov/webinars
Upcoming Trainings

• **Advanced Webinar: Methods in Using NASA Remote Sensing for Health Applications** (online): June 1-15, 2017 [https://go.nasa.gov/2pLSiOy](https://go.nasa.gov/2pLSiOy)

• **Remote Sensing of Land Indicators for Sustainable Development Goal 15** (online): June 20-22, 2017 [https://go.nasa.gov/2pslSbi](https://go.nasa.gov/2pslSbi)

• **Remote Sensing of Drought** (online): June 12 & 19, 2017

• **Introduction to Synthetic Aperture Radar** (online): June 28, 29, July 5, 6

• Keep updated by signing up for the ARSET listserv: [https://lists.nasa.gov/mailman/listinfo/arset](https://lists.nasa.gov/mailman/listinfo/arset)